



Attorney Docket: 027/43042  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HERBERT DAMSOHN ET AL.

Serial No.: 08/743,002 Group Art Unit: 3743

Filed: NOVEMBER 1, 1996 Examiner: L. LEO

Title: HEAT EXCHANGER FOR EXHAUST GAS COOLING

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
NOV 29 1990  
Group 3700

Sir:

Prior to further examination of this application, please  
amend the claims as follows:

IN THE CLAIMS:

1. (Twice Amended) A heat exchanger for cooling exhaust  
gas of an internal-combustion engine, comprising:

a plurality of rectangular tubes for guiding exhaust  
gas, said rectangular tubes comprising tube walls;

a plurality of lugs arranged in pairs in said  
rectangular tubes diagonally to a flow direction of the exhaust  
gas, said lugs being one of (a) directly attached to said tube  
walls and (b) integrally formed from said tube walls;

[preformed] latticed tube bottoms in which ends of said  
rectangular tubes are arranged such that said rectangular tubes